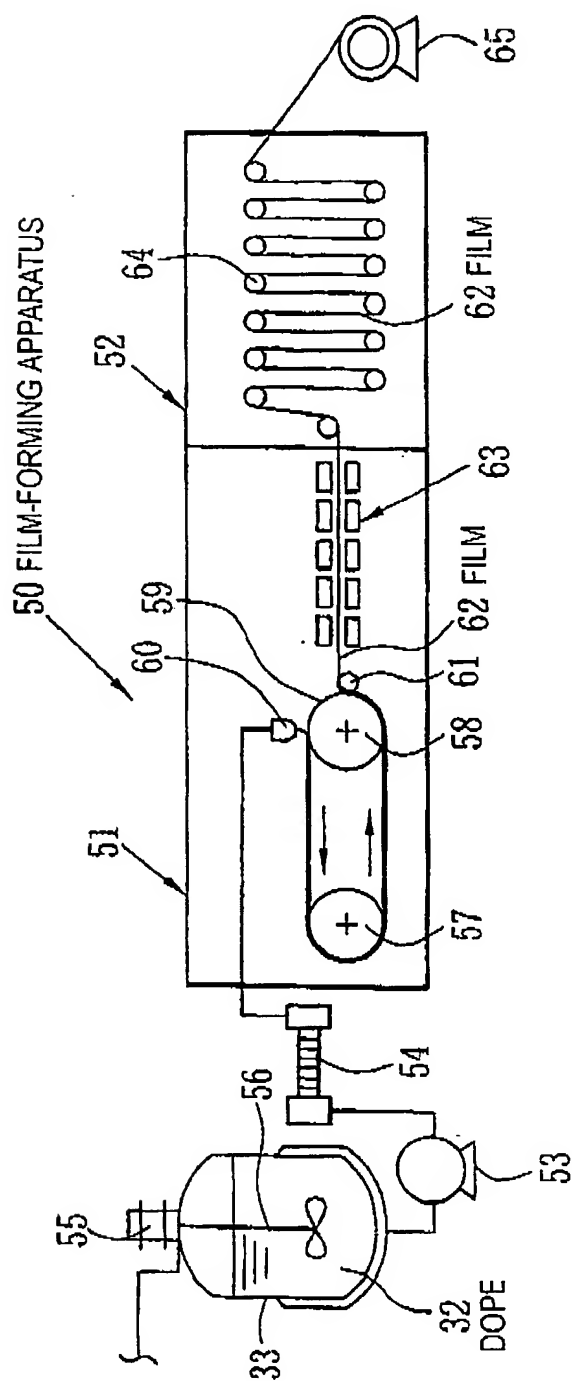


The diagram illustrates a chemical process system, labeled 10 as the "DOPE PRODUCTION LINE". The system includes several interconnected vessels and components:

- 11**: A large storage tank at the top left.
- 12**: A stirred reactor vessel with an internal agitator.
- 13**: A valve connecting tank 11 to reactor 12.
- 14**: A feed stream entering reactor 12.
- 15**: A stirred reactor vessel with an internal agitator, connected to 12 via line 16 and valve 17.
- 16**: A line connecting reactor 12 to reactor 15.
- 17**: A valve on the line between reactors 12 and 15.
- 18**: A stirred reactor vessel with an internal agitator, connected to 15 via line 19 and valve 20.
- 19**: A line connecting reactor 15 to reactor 18.
- 20**: A valve on the line between reactors 15 and 18.
- 21**: A stirred reactor vessel with an internal agitator, connected to 18 via line 22 and valve 23.
- 22**: A line connecting reactor 18 to reactor 21.
- 23**: A valve on the line between reactors 18 and 21.
- 24**: A line connecting reactor 21 to a separator unit.
- 25**: A line connecting reactor 12 to a separator unit.
- 26**: A line connecting reactor 15 to a separator unit.
- 27**: A line connecting reactor 18 to a separator unit.
- 28**: A line connecting reactor 21 to a separator unit.
- 29**: A separator unit consisting of two vertical vessels.
- 30**: A line connecting the separator unit to a storage tank.
- 31**: A line connecting the separator unit to a storage tank.
- 32**: A stirred reactor vessel with an internal agitator, connected to the separator unit via line 33 and valve 34.
- 33**: A line connecting the separator unit to reactor 32.
- 34**: A valve on the line between the separator unit and reactor 32.
- 35**: A line connecting reactor 32 to a storage tank.
- 36**: A line connecting reactor 32 to a storage tank.
- 37**: A line connecting reactor 32 to a storage tank.
- 38**: A line connecting reactor 32 to a storage tank.
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- 97**: A line connecting reactor 32 to a storage tank.
- 98**: A line connecting reactor 32 to a storage tank.
- 99**: A line connecting reactor 32 to a storage tank.
- 100**: A line connecting reactor 32 to a storage tank.

FIG.2



**FIG. 3**

